

WHAT IS CLAIMED IS:

1. A method for testing a partially formed well, comprising:

forming a first well bore intersecting a  
5 subterranean formation, the first well bore comprising a portion of a well and having a first configuration;

testing a production characteristic of the subterranean formation through the first well bore in the first configuration;

10 reconfiguring the first well bore to a second configuration disparate from the first configuration;

testing the production characteristic of the subterranean formation through the first well bore in the second configuration; and

15 planning further formation of the well based on testing of the subterranean formation through the first well bore in the first and second configurations.

2. The method of Claim 1, wherein the first  
20 configuration comprises a substantially unaltered bore hole drilled to the subterranean formation.

3. The method of Claim 1, wherein the second configuration comprises the first well bore with an  
25 enlarged area at the subterranean formation.

4. The method of Claim 1, wherein the second configuration comprises the first well bore with a substantially cylindrical cavity in the subterranean  
30 formation.

5. The method of Claim 1, wherein the second configuration comprises the first well bore with a slot cavity in the subterranean formation.

5        6. The method of Claim 1, wherein the first configuration comprises the first well bore with a slot cavity in the subterranean formation.

7. The method of Claim 1, wherein the first  
10 configuration comprises the first well bore with a first slot cavity in the subterranean formation and the second configuration comprises the first well bore with a first and second slot cavity in the subterranean formation.

15        8. The method of Claim 1, wherein the first configuration comprises the first well bore with a first enlarged area in the subterranean formation and the second configuration comprises the first well bore with a second further enlarged area in the subterranean  
20 formation.

9. The method of Claim 8, wherein the first enlarged area comprises a first cavity having a diameter between two and three feet and the second enlarged area  
25 comprises a cavity having a diameter of greater than three feet.

10. The method of Claim 1, wherein testing the production characteristic comprises performing a  
30 production flow test.

11. The method of Claim 1, further comprising determining whether to drill a second intersecting well bore of the planned well based on the testing of the first well bore in the first and second configurations.

5

12. The method of Claim 1, further comprising determining at least one characteristic of a substantially horizontal well bore pattern of the well based on testing of the first well bore in the first and second configurations.

10

13. The method of Claim 12, wherein the substantially horizontal well bore pattern characteristic comprises a lateral spacing.

15

14. The method of Claim 1, further comprising determining an orientation and lateral spacing of a substantially horizontal well bore pattern of the well based on testing of the first well bore in the first and second configurations.

20

15. A system for testing a partially formed well,  
comprising:

means for forming a first well bore intersecting a  
subterranean formation, the first well bore comprising a  
5 portion of a well and having a first configuration;

means for testing a production characteristic of the  
subterranean formation through the first well bore in the  
first configuration;

means for reconfiguring the first well bore to a  
10 second configuration disparate from the first  
configuration;

means for testing the production characteristic of  
the subterranean formation through the first well bore in  
the second configuration; and

15 means for planning further formation of the well  
based on testing of the subterranean formation through  
the first well bore in the first and second  
configurations.

16. A method for forming a well, comprising  
drilling a first well bore intersecting a subterranean  
formation;

5 forming a cavity in the first well bore at the  
subterranean formation;

testing a characteristic of the subterranean  
formation through the well bore;

enlarging the cavity in the subterranean formation;

10 re-testing the characteristic of the subterranean  
formation through the well bore having the enlarged  
cavity; and

further drilling bore hole associated with the well  
bore based on testing and re-testing results.